

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1. (currently amended) A topical skin care composition comprising:
 - (a) at least one regulator of lipid metabolism, wherein the at least one regulator of lipid metabolism is glucose;
 - (b) at least one regulator of polysaccharide metabolism, wherein the at least one regulator of polysaccharide metabolism is glucosamine;
 - (c) at least one regulator of cellular protein metabolism, wherein the at least one regulator of cellular protein metabolism is an essential amino acid; and
 - (d) at least one regulator of nucleic acid metabolism, wherein the at least one regulator of nucleic acid metabolism is sodium bicarbonate,
wherein the topical skin care composition is formulated as a cosmetic blend a cream, a lotion, an anhydrous base, or an emulsion.

Claims 2-3. (canceled)

4. (currently amended) The topical skin care composition of claim [[3]]52, wherein the emulsion is an oil in water emulsion or a water in oil emulsion.
5. (canceled)
6. (currently amended) The topical skin care composition of claim [[3]]51, wherein the anhydrous base is a lipstick or a powder.
7. (currently amended) The topical skin care composition of claim 1, wherein the composition is comprised in an anti-aging product or a moisturizing product.

Claims 8-16. (canceled)

17. (currently amended) The topical skin care composition of claim 1, wherein the composition comprises from about 0.001% to about 5.0% by weight of the composition of at least one regulator of lipid metabolism glucose.
18. (currently amended) The topical skin care composition of claim 1, wherein the composition comprises from about 0.001% to about 5.0% by weight of the composition of at least one regulator of polysaccharide metabolism glucosamine.
19. (currently amended) The topical skin care composition of claim 1, wherein the composition comprises from about 0.001% to about 5.0% by weight of the composition of at least one regulator of cellular protein metabolism an essential amino acid.
20. (currently amended) The topical skin care composition of claim 1, wherein the composition comprises from about 0.001% to about 5.0% by weight of the composition of at least one regulator of cellular protein metabolism sodium bicarbonate.
21. (withdrawn) A method of treating aged or damaged skin comprising topical application of the composition of claim 1 to skin, wherein application of the composition to skin treats aged or damaged skin.
22. (withdrawn) The method of claim 21, wherein the composition is chemically compatible.
23. (withdrawn) The method of claim 21, wherein the damaged skin comprises nutritionally compromised skin or environmentally damaged skin.
24. (withdrawn) The method of claim 23, wherein the environmentally damaged skin comprises skin damaged by u.v. light, chronic sun exposure, environmental pollutants, chemicals, disease pathologies, or smoking.

Claims 25-27 (cancelled)

28. (withdrawn and currently amended) The method of claim [[27]] 21, wherein the composition is an emulsion and wherein the emulsion is an oil in water emulsion or a water in oil emulsion.

29. (cancelled)
30. (withdrawn and currently amended) The method of claim [[27]] 21, wherein the composition is an anhydrous base is a lipstick or a powder.
31. (withdrawn) The method of claim 21, wherein the composition is comprised in an anti-aging product or a moisturizing product.
32. (withdrawn) The method of claim 21, wherein the composition is applied at least once a day.
33. (withdrawn) The method of claim 32, wherein the composition is applied at least twice a day.

Claims 34-40 (cancelled)

41. (withdrawn) The method of claim 21, wherein the composition comprises from about 0.001% to about 5.0% by weight of the composition of at least one regulator of lipid metabolism.
42. (withdrawn) The method of claim 21, wherein the composition comprises from about 0.001% to about 5.0% by weight of the composition of at least one regulator of polysaccharide metabolism.
43. (withdrawn) The method of claim 21, wherein the composition comprises from about 0.001% to about 5.0% by weight of the composition of at least one regulator of cellular protein metabolism.
44. (withdrawn) The method of claim 21, wherein the composition comprises from about 0.001% to about 5.0% by weight of the composition of at least one regulator of cellular protein metabolism.
45. (currently amended) The topical skin care composition of claim 1, wherein the composition further comprises:
 - (a) glucose and linoleic or linolenic acid as regulators of lipid metabolism;

- (b) ~~glucosamine and galactosamine as regulators of polysaccharide metabolism;~~
- (c) ~~an essential amino acid or a non-essential amino acid as a regular of cellular protein metabolism; and~~
- (d) ~~sodium bicarbonate and glutamine as regulators a regulator of nucleic acid metabolism.~~

46. (currently amended) The topical skin care composition of claim 1, wherein the composition further comprises:

- (a) sodium citrate, linoleic acid, linolenic acid, biotin, ~~glucose~~, sodium acetate, mevalonic acid, and serine as regulators of lipid metabolism;
- (b) galactosamine, ~~glucosamine~~, xylose, and magnesium chloride or Mg⁺⁺ as regulators of polysaccharide metabolism;
- (c) ~~an essential amino acid or a non-essential amino acid as a regular of cellular protein metabolism; and~~
- (d) ~~sodium bicarbonate~~, aspartic acid, sodium phosphate, niacin, and glutamine as regulators of nucleic acid metabolism.

47. (new) The topical skin care composition of claim 45, wherein the composition is an oil in water emulsion or a water in oil emulsion.

48. (new) The topical skin care composition of claim 46, wherein the composition is an oil in water emulsion or a water in oil emulsion.

49. (new) The topical skin care composition of claim 1, wherein the composition is a cream.

50. (new) The topical skin care composition of claim 1, wherein the composition is a lotion.

51. (new) The topical skin care composition of claim 1, wherein the composition is an anhydrous base.

52. (new) The topical skin care composition of claim 1, wherein the composition is an emulsion.